1.(Currently Amended) A method for provisioning a span for digital services, comprising:

    receiving an order for the digital services;

    using order data to obtain an assignment of components for the digital services;

    using the order data and the assignment of components to obtain equipment data; and

    using the order data, the assignment of components, and the equipment data to create a span design for the provision of digital services, the span design being created by selecting from a hierarchy of one or more templates, the hierarchy comprising one or more of : element templates, segment templates and architecture templates,

    wherein an element template represents a singular device that is defined by a function of the singular device and is later selected for inclusion into the span design based at least in part on the function of the singular device,

    a segment template represents a specific combination of one or more element templates that is defined, and later selected for the span design, by a problem that the segment template was created to address, and

    an architecture template represents a specific combination of one or more element templates and segment templates that is defined, and later selected for the span design, by a set of problems that the architecture template was created to address.

2. (Original) The method of Claim 1, further comprising conducting an administrative review of the span design.

3-5. (Cancelled)

6. (Original) The method of Claim 1, wherein each component conforms to one or more rules.

7. (Original) The method of Claim 2, wherein conducting the administrative review of the span design. comprises checking whether each component conforms to one or more rules. .

8. (Currently Amended) A method for creating a span design for digital services, comprising:

    developing a hierarchy of one or more templates for use in creating span designs, the hierarchy comprising: element templates, segment templates and/or architecture templates,

        wherein an element template represents a singular device that is defined by a function of the singular device,

        a segment template represents a specific combination of one or more element templates that is defined by a problem that the segment template was created to address, and

        an architecture template represents a specific combination of one or more element templates and segment templates that is defined by a set of problems that the architecture template was created to address;

    receiving an order for digital services; and

    using order data to select one or more of the templates as a span design for the order,

        wherein an element template is selected for the span design based on the function of the device,

        a segment template is selected for the span design based on the problem that the segment template was created to address, and

        an architecture template is selected for the span design based on the set of problems that the architecture template was created to address.

9-11. (Cancelled)

12. (Original) The method of Claim 8, wherein using the order data to select the one or more templates as the span design for the order comprises: using the order data and an assignment of components to select the one or more templates as the span design for the order.

13. (Original) The method of Claim 12, wherein using the order data and the assignment of components to select the one or more templates as the span design for the order comprises:

using the order data, the assignment of components, and equipment data to select the one or more templates as the span design for the order.

14. (Original) The method of Claim 9, wherein each component conforms to one or more rules.

15. (Currently Amended) A system for the provision of a span design for digital services, comprising:

an assignment control system (ACS) executing within one or more computing devices;

an inventory module (IM) executing within the one or more computing devices; and

a main server,

wherein the main server receives ~~a main module for receipt of~~ an order for the digital services from a user and ~~the main module being operative to~~ provides order data from the order to [[an]] the assignment control system (ACS), [[;]]

wherein the main server receives assignment data from the ACS, the assignment data ~~being operative to make an assignment of~~ identifying one or more components for the digital services each component being associated with one of one or more specific problems concerning the provision of the digital services and a device functionality, ~~and to provide the main module with assignment data relating to the assignment; the main module being operative to provide~~ and forwards the assignment data to an inventory module (IM)~~; the IM being operative to~~ which uses the assignment data to determine equipment data based at least in part on the assignment data, ~~and to provide the equipment data to the main module;~~ and

wherein the main ~~module~~ server receives the equipment data from the IM and processes ~~being operative to use~~ the order data, the assignment data, and the

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equipment data to create the span design for the digital services <u>by selecting a combination of one or more components based on the one or more specific problems and device functionalities concerning the provision of the digital services being ordered</u>.

16. (Currently Amended) The system of Claim 15, wherein the main module ~~is operative to~~ create<u>s</u> the span design based on templates <u>created from a combination of predefined components</u>.

17. (Original) The system of Claim 16, wherein the templates comprise:
        one or more element templates;
        one or more segment templates;
        or one or more architecture templates.

18. (Original) The system of Claim 16, wherein a template comprises a representation of the one or more components for the digital services.

19. (Original) The system of Claim 15, wherein components used for implementation of the digital services are hierarchically organized based on elements, segments, and/or architectures.

20. (Original) The system of Claim 19, wherein each of the components comply with one or more rules.